



....

05-11

266/250

PTD/SB/21 (6-98)

Please type a plus sign (+) inside this box 

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

		Application Number	09/966,166
TRANSMITT	AL	Filing Date	September 27, 2001
FORM		First Named Inventor	Payton RECEIVED
(to be used for all correspondence after	nitial filing)	Group Art Unit	MAR 2 0 2002
·		Examiner Name	Technology Center 260
Total Number of Pages in This Submis	sion	Attorney Docket Number	-
	ENCLOS	SURES (check all that app	oly)
Fee Transmittal Form Fee Attached  Amendment / Response  After Final Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  X Information Disclosure Statement Certified Copy of Priority Document(s)  Response to Missing Parts/	Drawing Licensir Petition and Acc Provisio Power of Change Address Termina Small E	ng-related Papers  Routing Slip (PTO/SB/69) companying Petition to Convert to a anal Application of Attorney, Revocation of Correspondence	After Allowance Communication to Group  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to Group (Appeal Natice, Brief, Reply Brief)  Proprietary Information  Status Letter  Additional Enclosure(s) (please identify below):
Response to Missing Parts under 37 CFR 1.52 or 1.53			
SIGNATUR	RE OF APPLI	CANT, ATTORNEY, OR	AGENT
Firm or Cary Tope-McKay Individual name			
Signature			
Date 3/11/01			
	CERTIFICA	ATE OF MAILING	
I hereby certify that this correspondence is envelope addressed to: Assistant Commis	is being deposit ssioner for Pate	ted with the United States Poents, Washington, D.C. 2023	estal Service as first class mail in an 11 on this date: 2/12/CZ
Typed or printed name CaruT	a-Mc	len	•
Signature	7	Date	3/12/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/93 Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

## Certificate under 37 CFR 1.10 of Mailing by "Express Mail"

ET574107833

March 12-2002

MAR 2 0 2002 Technology Center 2600

"Express Mail" label number

**Date of Deposit** 

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of person mailing correspondence

Cary Tope-McKay

Typed or printed name of person mailing correspondence

Note: Each paper must have its own certificate of mailing by "Express Mail".

Please type a plus sign (+) inside this box →	-
---	---

PTO/SB/08A (10-96)
Approved for use through 10/31®9; OMB 0551-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	-				 
		of	1		

ond to a concensit of intermete	AT GITHCOOK CONTROLLED A TAILE STATE CONTROLLED AT		
Complete if Known			
Application Number	09/966,166		
Filing Date	September 27, 2001		
First Named Inventor	Payton		
Group Art Unit			
Examiner Name			
Attorney Docket Number	HRI 068		

$\overline{}$				U.S. PATENT DOCU	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent I	Nocument Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	i	5,233,604		Ahmadi et al.	Aug. 3, 1993	
	2	5,561,790		Fusaro	Oct. 1, 1996	
	3	5,991,300		Tappan	Nov. 23, 1999	
	4	4,028,533		Matsubara	June 7, 1977	RECEIVE
	5	5,675,741		Aggarwal et al.	Oct. 7, 1997	-OCIVED
	6	6,154,139		Heller	Nov. 28, 2000	MAD & A DELIVED
	7	5,946,083		Melendez et al.	Aug. 31, 1999	"" ~ ~ U 2002
	8	6,311,129 B1		Lin	Oct. 30, 2001	Technology Center 2600
	9	6,195,020 B1		Brodeur, Sr. et al.	Feb. 27, 2001	Center 2800
	10	6,208,247 B1		Agre et al.	Mar. 27, 2001	2000
				<del>.</del>		
	<u> </u>	<u>.</u>				
			$\perp$			
		_	-			
			$\longrightarrow$			
1		_			l	

				FORE	IGN PATENT DOCUMENT	rs		
Examiner Cite Initials No.1	Foreign Patent Document		cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant		
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T6
	•							]
								$oldsymbol{ol}}}}}}}}}}}}}}}}}$
								<u>                                     </u>
								<del>  _  </del>
								$\perp$
								1

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

		_
Please type a ple	us sign (+) inside	this box → +

PTO/SB/08B (10-96)
Approved for use through 10/31/99: OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Sheet

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(use as many sheets as necessary) of

Complete if Known		
Application Number	09/966,166	
Filing Date	September 27, 2001	
First Named Inventor	Payton	
Group Art Unit		
Examiner Name		
Attorney Docket Number	HRL068	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		D. W. GAGE, "Command and Control for Many-Robot Systems", In the Nineteenth Annual AUVS Technical Symposium (AUVS-91),	VE.
	NPI	Huntsville, AL, 22-24 June 1992. Reprinted in Unmanned Systems Magazine, 10(4):28-34, Fall 1992.	-1
	NP2	publisher, city and/or country where published.  D. W. GAGE, "Command and Control for Many-Robot Systems", in the Nineteenth Annual AUVS Technical Symposium (AUVS-91), Huntsville, AL, 22-24 June 1992. Reprinted in Unmanned Systems Magazine, 10(4):28-34, Fall 1992.  D. W. GAGE, "Many Robot Systems", SPAWAR web page, http://www.nosc.mil.robots/research/manyrobo/manyrobo.html  Technology Cent	002 er 2
		,	
:			
Examiner Signature		Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.